SpanSet®

01

Height Safety
Lifting
Load Control
Safety Management

SAVERLINE 18M AND 30M FALL ARREST AND RECOVERY BLOCKS USER MANUAL

WARNING!

These instructions, including safe usage, warnings, and limitation of the products, must be provided to the user, and they must be read before any inspection, installation or use of this product. If there are any points in this manual that you are unsure of, seek a competent, trained person to clarify before using.

2.013 - Instruction Manual - Saverline 18m-30m Recovery Block.indd 1 4/06/13 9:37 AM

Saverline 18m and 30m Fall Arrest and Recovery Blocks

The SVLRB is a variant of the Saverline SVLB family of devices and has been designed for your safety when working at height.

They have a unique sealed braking system that ensures the device pays out freely but locks on rapidly to minimise free fall and impact loads on both the anchorage and the body.

The SVLRB-18 has an emergency retrieval function, which can raise or lower the user in the event of an emergency. It is not designed as an everyday winch. If the unit has been deployed in a fall arrest, the hook load indicator will show on the swivel hook.

If the gear mechanism has been used in an emergency, the plastic padlock will be missing or broken. If the hook indicator is visible, or the plastic tag not present or broken do not use the device.

Features

- 18m (59ft) maximum working length
- 30m (99ft) maximum working length
- Maximum user weight 136kg
- Sleek and modern design.
- Light weight (including swivel hook)
- Composite housings UV stabilised
- Internal steel chassis
- Alloy swivel hook as standard
- Sealed braking system
- Cleaning brushes to reduce debris entering the unit
- Carrying handle and shoulder strap available as an accessory
- Fully serviceable
- Tested for vertical use
- Device will function horizontally
- Meets and exceeds EN 360 ANSI OSHA.

Installation

The device must not be installed where the following hazards may endanger the user or prevent the efficient operation of the system.

- The area below the device must be free of obstruction that will prevent the free payout of rope or may obstruct the movement of the user.
- The environment must be free of heavy solvents or acids that will degrade the device, life line or the hook.
- The device must be anchored to an EN795 anchor, which may be an eyebolt or EN795 Class B Tripod or Davit. The anchor should be fixed preventing the device anchorage from moving whilst in use.
- Ensure there is sufficient free area around the SVLRB for the handle to fully rotate.
- If there is any chance of the line becoming entangled in lifting equipment,passing vehicles or structure then do not install.
- Install the device so that it is away from the edge, so avoiding swing hazards, the potential

2.013 - Instruction Manual - Saverline 18m-30m Recovery Block.indd 2 4/06/13 9:37 AM

user must not have to lean out to reach the device or hook and endangering themselves with a fall hazard.

- Never install where there is a possibility of electric shock hazards.
- When installing ensure that you are not subjecting yourself to potential fall hazards, wear a full body harness and shock absorbing lanyard anchoring your self whilst installing.

Use

Installed from an over head anchorage the device affords a user fall protection within a cone of 45 degrees. Never work outside of this, as if a fall were to occur the device would lock and the user would swing like a pendulum and may sustain injury from this hazard.

Fall Protection

- Check the hook load indicator is not deployed, follow the inspection routine laid down in this manual
- The device will arrest a fall within 2 metres. Do not use the device at full line payout or in situations where there is less than 3 metres of ground clearance below the feet of the user
- Connect only to the fall arrest attachment of a fall protection full body harness. Ensure that the hook of the device is secure in the harness "D" ring and that the gate of the hook is locked
- Never work above the level of the device or tie off the life line to prevent it retracting. The line between the user and the device must be taut at all times
- Never run or jump whilst attached to the unit, walking at a moderate pace will ensure that the device does not sense a fall.

Note: For an explanation of the icons on this fall arrest block please see the inside back cover.

Rescue Planning

Before use, and when using the SVLRB Fall Arrest and Recovery Blocks, users and supervisors should always make suitable provisions for rescue.

A full risk assessment should be carried out to determine the most effective, safe and quickest form of rescue.

For more information on specialist rescue systems or training please contact the SpanSet Australia technical team.

Rescue

In the event of an emergency, the rescue function can be engaged to raise and/or lower a fallen worker.

To engage the rescue function, first break the plastic padlock, and remove the pin. Push the small knob to release handle from housing, and to engage the retrieval gears into position.

2.013 - Instruction Manual - Saverline 18m-30m Recovery Block.indd 3 4/06/13 9:37 AM

To raise a person simply rotate the handle clockwise. To lower a person simply rotate the handle clockwise 1/8th turn to release brakes, then turn anticlockwise to lower.

To disengage the gear, ensure no load is on the device, align the handle to its parked position (pointing towards the top termination) and push the small knob into the block. Press the handle towards the block to disengage the gearing.

Compatibility

The SVLRBs are suitable only as fall arrest blocks if they are attached to an anchorage by use of a connector and used with a full body harness which conforms to AS/NZS 1891.1, such as the SpanSet ERGOplus range.

Warnings

- Never work alone
- Read and understand manufacturer's instructions before inspection, installation or use of this product
- Never use this product if you weigh more than 136kg
- Only use approved equipment with this product
- Only to be used by trained personnel
- Seek medical advice from a doctor before using this product if: you have sustained a spinal injury, suffer from a neck or back complaint, or you are taking prescription medication
- Never use if you are under the influence of alcohol or recreational drugs
- Extra care should be taken if welding whilst using this product, protect the life line from splatter and heat at all times
- Never leave this system unattended
- Never use this system unless you are supervised by a trained and competent person
- Ensure the lifeline is free to extend and retract from the device, and that the brake engages with a sharp jerk, before attempting to use as a fall arresting unit.

2.013 - Instruction Manual - Saverline 18m-30m Recovery Block.indd 4 4/06/13 9:37 AM

Primary Fall Arrest Device with Secondary Backup

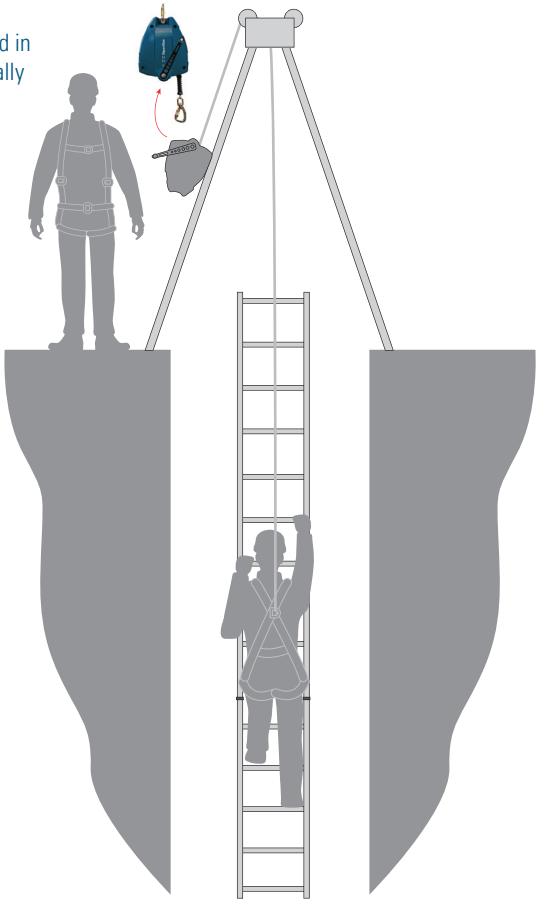
When entering a confined space when a fixed access system is installed the user should use:

– 1 x Tripod-HD (Heavy Duty Tripod)

– 1 x SVLRB-18 or SVLRB-30 (Fall Arrest and Recovery Blocks)

The Saverline should be in free run mode and in the event of a fall the device will automatically lock on and then the winch can be engaged.

Please Note: The Saverline Recovery and Fall Arrest Block is not intended to be used as a continuous winch, only as a retrieval device in emergency situations.



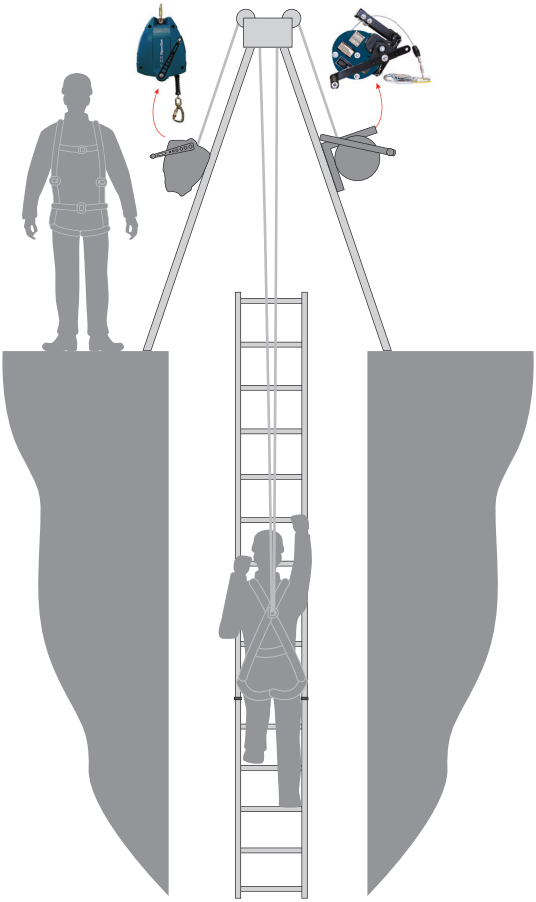
2.013 - Instruction Manual - Saverline 18m-30m Recovery Block.indd 5 4/06/13 9:37 AM

Primary Raise and Lower Device with Secondary Backup

When entering a confined space when there is no fixed access system and there is a need to lower the user down under control, you should use:

- 1 x Tripod-HD (Heavy Duty Tripod)
- 1 x SVLRB-18 or SVLRV-30 (Fall Arrest and Recovery Block)
- 1 x SVLWB-20 or 1 x SVLWB-30

The SVLWB is your primary lowering device and in the event of a fall the SVLRB will automatically lock on and the winch can be engaged.



2.013 - Instruction Manual - Saverline 18m-30m Recovery Block.indd 6 4/06/13 9:37 AM

Storage, Issue and Inspection

Storage in a central protected location allows assurance of inspection on issue and return. The device should be stored in a clean dry place where it can be protected from damage by chemical attack and sharp objects. It should be stored with its instructions and record card at all times.

Return the device back to it's original box or other suitable container for storage and transportation. After use return to the store and never leave the device lying around site.

This and associated equipment must be visually inspected by a competent person when initially delivered to site, there after the product must be inspected before and after use. A record card is printed in the back of this manual and should be updated after each routine inspection. Follow the points laid down in the section headed "Inspection" without deviation.

The supervisor must ensure that the equipment is being used correctly by a trained and/or otherwise competent person who is aware of its safe use and inspection. Additionally the supervisor must ensure that there are suitable and accessible anchorages in the working environment to allow safe anchorage of the device.

- Inspect the device, life line, hook and anchorage for signs of wear, deformation, damage or corrosion
- Webbing (polyester): Ensure that the webbing is free from cuts, abrasion and wear marks
- Wire Rope (galvanised steel or stainless steel): Ensure that the wire rope is free from cuts, abrasion and kinks
- Fibre Rope: Ensure that the fibre rope is free from cuts, abrasion and wear marks
- Ensure hook swivels and twist gate operate and close correctly
- Ensure hook load indicator is not deployed
- Pull line sharply to engage brakes and ensure device locks before each and every use
- Pull out line to ensure that it pays out and recoils smoothly
- All housing screws must be secure
- Check the user instructions are clear and legible
- If the webbing or fibre rope becomes wet in use, ensure webbing or fibre rope is extended and left to dry naturally
- To clean the housing, webbing or fibre rope, a mild detergent can be used with warm or cold water. The webbing or fibre rope must be extended from the device and left to dry naturally
- Ensure that device certification is current before use, the device must have been serviced and inspected within the last 6 months
- If for any reason the inspection of this device shows signs for concern or doubt then the device must be quarantined and removed from service immediately. Advice should

2.013 - Instruction Manual - Saverline 18m-30m Recovery Block.indd 7 4/06/13 9:37 AM

be sought from the supervisor and if still concerned the device must be sent to the supplier, an approved service agent or the manufacturer for service and re-calibration.

This device must only be serviced by a trained and competent individual. Never attempt to service this unit or tamper with its function in any way.

Quality

All SpanSet products are manufactured under ISO 9001:2008 and to the highest standards. The scope of use within the certification held allows SpanSet to design, manufacture and test Personal Protection Equipment.

Horizontal tensile test machine, abrasion tester and dynamic drop test rig are just part of the full range of test facilities used to ensure ultimate safety of our product range.

All SpanSet devices must only be installed by SpanSet personnel or a trained operator. Strict training is given and written exams are completed before full certification can be given to operators.

Legislation and Standards

This SVLRB has been designed to meet the requirements of BS EN 360: 2002 and EN1496 Class A/B. For clarification on any certificate contact SpanSet.

Exclusions

SpanSet holds global product liability cover for your safety but will not, however, be responsible for:

- Users who are out of the scope of any written manuals of training given
- Any device that has not been inspected under the current legislation and manufacturers guidelines
- Devices that have been damaged
- When the maximum weight in kilograms has been exceeded
- Devices that have no serial number markings, and the manufacturers name, SpanSet Australia Ltd, is not present.

2.013 - Instruction Manual - Saverline 18m-30m Recovery Block.indd 8 4/06/13 9:37 AM

Fall Arrest Block Service Log

Model	Serial No.	Date Entered Service
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments

2.013 - Instruction Manual - Saverline 18m-30m Recovery Block.indd 9 4/06/13 9:37 AM

Fall Arrest Block Service Log

Model	Serial No.	Date Entered Service
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments

2.013 - Instruction Manual - Saverline 18m-30m Recovery Block.indd 10 4/06/13 9:37 AM

Explanation of Block Symbols

Inspect the device, life line, hook and anchorage for signs of wear, deformation, damage or corrosion. Ensure hook swivels and twist gate operate and close correctly. Ensure load indicator has not deployed.

The device should be fitted above the user, or alternatively to a tripod, with a pulley positioned above the user.

The device will arrest a fall within 2.0 metres. Do not use the device at full line pay out or in situations where there is less than 3 metres of ground clearance.

This device must only be serviced by a trained and competent individual. Never attempt to service this unit or tamper with its function in any way.

Pull line sharply to engage brakes and ensure device locks before each and every use.

Connect only to the fall arrest attachment of a full body harness. Ensure that the hook of the device is secure in the harness “D” ring and that the gate of the hook is locked.

Maximum capacity 136kg including user, tools and equipment.

Install the device so that it is away from the edge, so avoiding swing hazards, the potential user must not have to lean out to reach the device or hook and endangering themselves with a fall hazard. Check for sharp edges and use edge protection where required.

2.013 - Instruction Manual - Saverline 18m-30m Recovery Block.indd 11 4/06/13 9:37 AM

2.013/4-13 © SpanSet Australia Ltd 2013. All specifications correct at time of publishing. SpanSet Australia Ltd reserve the right to alter a specification at any time without notice.

Head Office

SpanSet Australia Ltd
13 Pullman Place (PO Box 164)
Emu Plains NSW 2750

Phone: 02 4735 3955
Fax: 02 4735 3630

sales@spanset.com.au
www.spanset.com.au

SpanSet®

2.013 - Instruction Manual - Saverline 18m-30m Recovery Block.indd 12 4/06/13 9:37 AM